

**Safety Data Sheet**  
according to 1907/2006/EC, Article 31



Printing date 18.06.2008

Revision: 18.06.2008

## 1 Identification of substance:

- **Product details:**

- **Trade name:** Basic cleaner - stone / linoleum / PVC
- **Application of the substance / the preparation** Floor cleaner

- **Manufacturer/Supplier:**

Alfred Kärcher GmbH & Co. KG  
Alfred-Kärcher-Str. 28-40  
D - 71364 Winnenden

Postfach 160  
D - 71349 Winnenden

Tel.: +49-7195-14-0  
Fax : +49-7195-14-2212

Internet: [www.karcher.com](http://www.karcher.com)

- **Further information obtainable from:**

Department PDE-D  
Tel.: +49-7195-14-2548  
Fax : +49-7195-14-3391  
[safetydata@karcher.com](mailto:safetydata@karcher.com)

- **Information in case of emergency:** Tel.: +49-30-19240

## 2 Hazards identification

- **Hazard description:** not applicable
- **Information concerning to particular hazards to man and environment**  
The product does not have to be labelled due to the calculation procedure of the "General Classification guideline for preparations of the EU" in the latest valid version.
- **GHS label elements**

**Danger**

3.2/1C - Causes severe skin burns and eye damage.

- **Prevention:**

Do not breathe dust/fume/gas/mist/vapours/spray.  
Wash thoroughly after handling.  
Wear protective gloves/protective clothing/eye protection/face protection.

- **Response:**

**IF SWALLOWED:** Rinse mouth. Do NOT induce vomiting.  
**IF ON SKIN (or hair):** Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.  
**IF INHALED:** Remove to fresh air and keep at rest in a position comfortable for breathing.  
**IF IN EYES:** Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
Immediately call a POISON CENTER or doctor/physician.  
Specific treatment (see label).  
Wash contaminated clothing before reuse.

- **Storage:**

Store locked up.

- **Disposal:**

Dispose of contents/container in accordance with local/regional/national/international regulations.

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**· Additional information:**

The product does not contain any organic halogen compounds (AOX), nitrates, heavy metal compounds.

### 3 Composition/information on ingredients

**· Chemical characterization**

**· Description:**

Cleaning agent

Mixture of substances listed below with non-hazardous additions.

**· Dangerous components:**

CAS: 112-34-5 EINECS: 203-961-6	2-(2-butoxyethoxy)ethanol Xi; R 36 Warning: 3.3/2A	10- < 25%
CAS: 61725-89-1	alkyl-C12C18-polyethyleneglycol(< 8 EO)-polypropyleneglycol(< 8 PO)ether Xi, N; R 38-50 Warning: 4.1.A/1; 3.2/2	5- < 10%

**· Additional information** For the wording of the listed risk phrases refer to section 16.

### 4 First aid measures

**· General information** No special measures required.

**· After inhalation** Supply fresh air; consult doctor in case of complaints.

**· After skin contact** Rinse with warm water.

**· After eye contact** Rinse opened eye for several minutes under running water.

**· After swallowing**

If symptoms persist consult doctor.

Rinse out mouth and then drink plenty of water.

### 5 Fire fighting measures

**· Suitable extinguishing agents** Use fire extinguishing methods suitable to surrounding conditions.

**· Protective equipment:** No special measures required.

### 6 Accidental release measures

**· Person-related safety precautions:** Not required.

**· Measures for environmental protection:**

Dilute with plenty of water.

Do not allow to enter sewers/ surface or ground water.

Do not allow to penetrate the ground/soil.

**· Measures for cleaning/collecting:**

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders).

**· Additional information:**

See Section 13 for disposal information.

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**Trade name: Basic cleaner - stone / linoleum / PVC**

No dangerous substances are released.

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## 7 Handling and storage

- **Handling**
- **Information for safe handling:** No special measures required.
- **Information about fire - and explosion protection:** No special measures required.
  
- **Storage**
- **Requirements to be met by storerooms and receptacles:** Unsuitable material for receptacle: aluminium.
- **Information about storage in one common storage facility:** Not required.
- **Further information about storage conditions:** Protect from frost.
- **Storage class VCI-storage class:** 8B - not flammable corrosive substances

## 8 Exposure controls and personal protection gear

- **Additional information about design of technical facilities:** No further data; see item 7.

- **Ingredients with limit values that require monitoring at the workplace:**

**112-34-5 2-(2-butoxyethoxy)ethanol**

<b>IOELV</b>	Short-term value: 101,2 mg/m <sup>3</sup> , 15 ppm
	Long-term value: 67,5 mg/m <sup>3</sup> , 10 ppm

- **Additional information:** The lists valid during the making were used as basis.
  
- **Personal protective equipment**
- **General protective and hygienic measures** Avoid close or long term contact with the skin.
- **Respiratory protection:** Not necessary if room is well-ventilated.
- **Protection of hands:**
  - \* chemical resistant protective gloves (EN 374)
  - The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.
  - Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.
  - Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation
- **Material of gloves**

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.
- **Penetration time of glove material**

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.
- **For the permanent contact gloves made of the following materials are suitable:** \* butyl rubber 0,7 mm, 480 min
- **As protection from splashes gloves made of the following materials are suitable:** \* nitril rubber 0,4 mm, 30 min
- **Eye protection:** Goggles recommended during refilling.

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### 9 Physical and chemical properties:

#### · General Information

<b>Form:</b>	Fluid
<b>Colour:</b>	Green
<b>Odour:</b>	Characteristic

#### · Change in condition

**Boiling point/Boiling range:** 100°C

· **Flash point:** 101°C

· **Self-igniting:** Product is not selfigniting.

· **Danger of explosion:** Product does not present an explosion hazard.

· **Vapour pressure at 20°C:** 0 hPa

· **Density at 20°C:** 1,031 g/cm<sup>3</sup>

#### · Solubility in / Miscibility with

**Water:** Fully miscible

· **pH-value at 20°C:** 9,6  
pH (1 %)  
1 % 10

#### · Viscosity:

**dynamic at 20°C:** 5 mPas

#### · Solvent content:

**Organic solvents:** 17,2 %

**Water:** 68,7 %

· **Solids content:** 14,1 %

### 10 Stability and reactivity

· **Thermal decomposition / conditions to be avoided:** No decomposition if used according to specifications.

#### · Dangerous reactions

Reacts with light alloys to form hydrogen

Corrodes aluminium

Reacts with strong acids

· **Dangerous decomposition products:** No dangerous decomposition products known

### 11 Toxicological information

#### · Acute toxicity:

#### · Primary irritant effect:

· **on the skin:** No irritant effect.

· **on the eye:** No irritating effect.

· **Sensitization:** No sensitizing effects known.

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· **Additional toxicological information:**

The product is not subject to classification according to the calculation method of the General EU Classification Guidelines for Preparations as issued in the latest version.

When used and handled according to specifications, the product does not have any harmful effects to our experience and the information provided to us.

## 12 Ecological information:

· **Information about elimination (persistence and degradability):**

· **Other information:**

The product is easily biodegradable.

The product is biodegradable.

· **General notes:**

The contained organic complexing agents reach a DOC-elimination grade of 80% (corresponding to No. 406 of Annex "Analytic and measuring methods") and with this meet the tightened demands of Annex 49 of the revised Directive on liquid waste.

Water Hazard Class (Self-classification) in the concentrate.2

Water Hazard Class (Self-classification) in the dilution of application 0,2%: WGK 1

The product does not contain organically bounded halogens (AOX-free).

The surfactant(s) contained in this preparation complies(comply) with the biodegradability criteria as laid down in Regulation (EC) No.648/2004 on detergents. Data to support this assertion are held at the disposal of the competent authorities of the Member States and will be made available to them, at their direct request or at the request of a detergent manufacturer.

Water hazard class 2 (German Regulation) (Self-assessment): hazardous for water.

Do not allow product to reach ground water, water course or sewage system.

Danger to drinking water if even small quantities leak into the ground.

## 13 Disposal considerations

· **Product:**

· **Recommendation**

Small amounts may be diluted with plenty of water and washed away. Dispose of bigger amounts in accordance with Local Authority requirements.

· **European waste catalogue**

07 06 01	aqueous washing liquids and mother liquors
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· **Uncleaned packaging:**

· **Recommendation:** Non contaminated packagings may be recycled.

· **Recommended cleansing agents:** Water, if necessary together with cleaning agents.

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## 14 Transport information

### · Land transport ADR/RID (cross-border)



- ADR/RID class: 8 (C7) Corrosive substances.
- Danger code (Kemler): 80
- UN-Number: 3267
- Packaging group: III
- Hazard label: 8
- Description of goods: 3267 CORROSIVE LIQUID, BASIC, ORGANIC, N.O.S. (methylglycine diacetic acid, trisodium salt, solution)

### · Maritime transport IMDG:



- IMDG Class: 8
- UN Number: 3267
- Label: 8
- Packaging group: III
- Marine pollutant: No
- Proper shipping name: CORROSIVE LIQUID, BASIC, ORGANIC, N.O.S. (methylglycine diacetic acid, trisodium salt, solution)

### · Air transport ICAO-TI and IATA-DGR:



- ICAO/IATA Class: 8
- UN/ID Number: 3267
- Label: 8
- Packaging group: III
- Proper shipping name: CORROSIVE LIQUID, BASIC, ORGANIC, N.O.S. (methylglycine diacetic acid, trisodium salt, solution)

· UN "Model Regulation": UN3267; CORROSIVE LIQUID, BASIC, ORGANIC, N.O.S.; 8; III

## 15 Regulations

### · Labelling according to EU guidelines:

Observe the general safety regulations when handling chemicals

The product has not been classified and marked in accordance with EU Directives / respective national laws.

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- **Safety phrases:**
  - 2 Keep out of the reach of children.
  - 51 Use only in well-ventilated areas.

- **National regulations**

- **Technical instructions (air):**

Class	Share in %
II	0,5
NK	19,0

- **Waterhazard class:** Water hazard class 2 (Self-assessment): hazardous for water.

### 16 Other information:

No hazardous labelling required, certificate available.

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

A product information sheet can be provided if requested.

- **Relevant R-phrases**

- 36 Irritating to eyes.
- 38 Irritating to skin.
- 50 Very toxic to aquatic organisms.

- **Department issuing MSDS:** Department PDE-D

- **Contact:** Frau Kuehner, Herr Kurz

- **Abbreviations and acronyms:**

ADR: Accord européen sur le transport des marchandises Dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)

RID: Règlement internationale concernent le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail)

IMDG: International Maritime Code for Dangerous Goods

IATA: International Air Transport Association

IATA-DGR: Dangerous Goods Regulations by the "International Air Transport Association" (IATA)

ICAO: International Civil Aviation Organization

ICAO-TI: Technical Instructions by the "International Civil Aviation Organization" (ICAO)

GHS: Globally Harmonized System of Classification and Labelling of Chemicals

- **\* Data compared to the previous version altered.**

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